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612.42948X00  
4953/00/JC

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Patrick LAILLY et al  
Serial No.: 10/630,690  
Filed: July 31, 2003  
For: METHOD OF FORMING A MODEL  
REPRESENTATIVE OF THE DISTRIBUTION  
OF A PHYSICAL QUANTITY IN AN UNDERGROUND  
ZONE, FREE OF THE EFFECT OF CORRELATED  
NOISES CONTAINED IN EXPLORATION DATA  
Art Unit: 2863  
Examiner: Victor J. Taylor

**AMENDMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

May 25, 2005

Sir:

This is in response to the Office Action of March 25, 2005 pursuant to  
*Ex parte Quayle*. Please amend the above-identified application as listed below and  
as set forth on the following pages:

Amendments to the Specification and Abstract

Amendments to the Claims

Amendments to the Drawings describing changes to the drawings shown in  
the Appendix

Remarks are included following the amendments

An Appendix including amended drawings figures is attached following the  
Remarks.